

ABSTRACT OF THE DISCLOSURE

A bearing arrangement for pump bearings mounted in plastic housings, in particular for coolant pumps, comprises a radial housing groove that is provided with an inlet bore, the groove being arranged in the coolant pump housing. A bearing groove located opposite the housing groove in the final mounted condition is provided on the bearing ring arranged in the bearing seat. This arrangement can be manufactured and mounted in a simple manner, permits tempering of the plastic housing, always ensures a high degree of efficiency of the pump with minimal manufacturing and installation expenditure, and permits the use of bearings as pump bearings with minor play of the bearing with a longer service life, low development of noise, and relief of the shaft sealing gasket, and many other benefits. The bearing arrangement always ensures high transmission of the axial forces from the pump bearing to the pump housing, combined with an optimal geometry of the sealing gap, and permits removal of the pump bearing without damaging the plastic housing, and, at the same time, reduces the recycling costs.